

## Abstract of the Disclosure

A bus-repeater for coupling at least one first bus with a second bus, by way of which data may be transmitted in the form of serial digital signal pulse sequences and including at least one first and a second transmit-receive means, with which the first and, respectively, the second bus may be coupled and by way of which the bus-repeater may transmit signal pulse sequences, received via the first bus on the second bus, and vice versa. In accordance with the invention the bus-repeater comprises locking means, which during transmission of a signal pulse received from the first bus to the second bus lock transmission by the bus-repeater of signal pulses, received from the second bus, via the first bus for a transmission locking time and vice versa.

Figure 1